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Europäisches  
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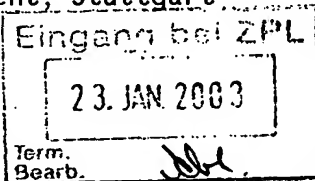
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ALLEMAGNE



*Prüfungsbüro*

23/01/03

Datum/Date

23.01.03

Zeichen/Ref./Réf.

113 443

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

02360237.8-2415-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

ALCATEL

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

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## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 5 469 288 A (ONAKA HIROSHI ET AL) 21 November 1995 (1995-11-21) * abstract; figure 7 *	1-7	H04B10/158
A	BIGO S ET AL: "MULTI-TERABIT/S TRANSMISSION OVER ALCATEL TERALIGHTTM FIBER" ELECTRICAL COMMUNICATION, ALCATEL. BRUSSELS, BE, no. 4, 1 October 2000 (2000-10-01), pages 288-296, XP000976732 ISSN: 0013-4252 * page 292, column 1; figure 6 *	1-7	
A	BIGO S ET AL: "10.2Tbit/s (256x42.7Gbit/s PDM/WDM) transmission over 100Km Teralight with 1.28bit/s/Hz spectral efficiency" OPTICAL FIBER COMMUNICATION CONFERENCE. (OFC). TECHNICAL DIGEST POSTCONFERENCE EDITION. ANAHEIM, CA, MARCH 17 - 22, 2001, TRENDS IN OPTICS AND PHOTONICS SERIES. TOPS. VOLUME 54, WASHINGTON, WA: OSA, US, vol. 1 OF 4, 17 March 2001 (2001-03-17), pages 251-253, XP002176542 ISBN: 1-55752-655-9 * page 252 *	1-7	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04B
A	EP 0 534 644 A (NORTHERN TELECOM LTD) 31 March 1993 (1993-03-31) * abstract; figure 2 *	1-7	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 January 2003	Examiner Phillips, S
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03/82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT									
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A	JOERGENSEN C G ET AL: "HIGH SENSITIVITY FIBRE PREAMPLIFIER RECEIVER FOR MULTICHANNEL APPLICATIONS" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 27, no. 23, 7 November 1991 (1991-11-07), pages 2153-2155, XP000268353 ISSN: 0013-5194 * page 2154, column 1; figure 1 * -----	1-7							
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Place of search MUNICH		Date of completion of the search 10 January 2003	Examiner Phillips, S						
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... &amp; : member of the same patent family, corresponding document</td></tr><tr><td>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</td><td></td><td></td><td></td></tr></table>				CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document								
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 36 0237

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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